

IN THE CLAIMS:

Please amend claims 1-3, 5-12 and 14-18 as indicated below. This listing of claims replaces all prior versions.

1. (Currently amended) A body-worn personal communications apparatus comprising:
 - a physically-shortened electric antenna that is physically smaller in at least one dimension than its electrical length in that same dimension;
 - a transceiver connected to said physically-shortened electric antenna;
 - a microphone connected to said transceiver, the microphone located at an end of said physically-short electric antenna; and
 - a casing having a width, a length and a height, said height being less than said width and less than said length,
 - wherein said transceiver is disposed within said casing,
 - wherein said physically-shortened electric antenna is mounted such that said one dimension of said physically-shortened electric antenna is aligned with said height of said casing,
 - wherein said physically shortened electric antenna is designed so as to not require manipulation by a user.
2. (Currently amended) The body-worn personal communications apparatus of claim 1, wherein said physically-shortened electric antenna is a helical antenna.
3. (Currently amended) The apparatus of claim 1, wherein said physically-shortened electric antenna is a meander-line antenna.
4. (Canceled)
5. (Currently amended) The apparatus of claim 1, wherein ~~said microphone is located at an~~ the end of said physically-shortened electric antenna where said microphone is located is the end furthest from said casing.

6. (Currently amended) The apparatus of claim 5, wherein said physically-shortened electric antenna is formed from a coaxial cable that provides electrical connections between said microphone and said transceiver.
7. (Currently amended) The apparatus of claim 5,
wherein said physically-shortened electric antenna is formed from a hollow wire,
wherein a first electrical connection between said microphone and said transceiver is provided by said hollow wire, and
wherein a second electrical connection between said microphone and said transceiver is provided by a conductor enclosed by said hollow wire.
8. (Currently amended) The apparatus of claim 6, wherein said microphone provides a low impedance at radio frequencies to thereby enable said coaxial cable forming said physically-shortened electric antenna to act as an inductive stub.
9. (Currently amended) The apparatus of claim 5, wherein said microphone provides a top loading to said physically-shortened electric antenna.
10. (Currently amended) A body-worn personal communications apparatus comprising:
a casing having a width, a length and a height, said height being less than said width and less than said length; and
a physically-shortened electric antenna that is physically smaller in at least one dimension than its electrical length in that same dimension; and
a microphone located at an end of said physically-short electric antenna,
wherein said physically-shortened electric antenna is mounted such that said one dimension of said physically-shortened electric antenna is aligned with said height of said casing,
wherein said physically shortened electric antenna is designed so as to not require manipulation by a user.

11. (Currently amended) The apparatus of claim 10, wherein said physically-shortened electric antenna is a helical antenna.

12. (Currently amended) The apparatus of claim 10, wherein said physically-shortened electric antenna is a meander-line antenna.

13. (Canceled)

14. (Currently amended) The apparatus of claim 10, wherein said ~~microphone is located at an~~ the end of said physically-shortened electric antenna where said microphone is located is the end furthest from said casing.

15. (Currently amended) The apparatus of claim 10, further comprising:

a transceiver,

wherein said physically-shortened electric antenna is formed from a coaxial cable that provides electrical connection between said microphone and said transceiver.

16. (Currently amended) The apparatus of claim 10, wherein said microphone provides a low impedance at radio frequencies to thereby enable said coaxial cable forming said physically-shortened electric antenna to act as an inductive stub.

17. (Currently amended) The apparatus of claim 10, further comprising:

a transceiver; and

~~a microphone,~~

wherein said physically-shortened electric antenna is formed from a hollow wire, wherein a first electrical connection between said microphone and said transceiver is provided by said hollow wire, and

wherein a second electrical connection between said microphone and said transceiver is provided by a conductor enclosed by said hollow wire.

18. (Currently amended) The apparatus of claim 10, wherein said microphone provides a top loading to said physically-shortened electric antenna.